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INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/001060

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7): H03L 7/06, H03L 7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(7): H03L 7/06, H03L 7/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Delphion, Canadian Patent Database, USPTO, (Keywords: thermometer code, mixed-signal, pll or dll, filter, buffer chain, synchronizer)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 2004/0140836 (Miller) 22 July 2004 (22-07-2004) (paragraph[0021], abstract)	1-49
A	US 6,617,993 (Azadet) 9 Sept. 2003 (09-09-2003) (column 2, lines 1-3, 12-17, abstract)	1-49

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

28 September 2005 (28-09-2005)

Date of mailing of the international search report

21 October 2005 (21-10-2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCT
50 Victoria Street
Gatineau, Quebec K1A 0C9
Facsimile No.: 001(819)953-2476

Authorized officer
Camran Syed (819) 934-4550

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2005/001060

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US2004140836	22-07-2004	US6664830 B2 US6917230 B2	16-12-2003 12-07-2005
US6617993	09-09-2003	EP1091494 A2 JP3573415B2 B2 TW483262 B US6617993 B1	11-04-2001 06-10-2004 11-04-2002 09-09-2003

From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 23 January 2006 (23.01.2006)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 51959-2 /aba	
International application No. PCT/CA2005/001060	
International publication date (day/month/year) 19 January 2006 (19.01.2006)	
Applicant GORDON, John, Allan	

To:

SMART & BIGGAR
P.O. Box 2999, Station D
Ottawa, ON K1P 5Y6
CANADA

1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
3. (If applicable) An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as the priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
08 July 2004 (08.07.2004)	2,474,111	CA	25 August 2005 (25.08.2005)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. +41 22 338 82 70

Authorized officer

Carlos Roy - Gijsbertus Beijer

Facsimile No. +41 22 740 14 35

Telephone No. +41 22 338 95 61